

FCC RF EXPOSURE REPORT

FCC ID: ACJ-ST-C700

Project No. : 1409C159
Equipment : Network Audio Player
Model : ST-C700
Applicant : Panasonic Corporation of North America
Address : Two Riverfront Plaza, 9th Floor, Newark, New Jersey, 07102-5490

According: : FCC Guidelines for Human Exposure IEEE C95.1

B T L I N C .

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MPE CALCULATION METHOD:

Calculation Method of RF Safety Distance:

$$S = \frac{PG}{4\pi^2} = \frac{EIRP}{4\pi^2}$$

where:

S = power density

P = power input to the antenna

G = power gain of the antenna in the direction of interest relative to an isotropic radiator

R = distance to the center of radiation of the antenna

Table for Filed Antenna

Ant.	Brand	Model Name	Antenna Type	Connector	Gain(dBi)
1	N/A	N/A	internal	N/A	2.00

TEST RESULTS

EUT :	Network Audio Player	Model Name :	T-C700
Temperature :	25 °C	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode :	TX MODE_1Mbps		

Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
2	1.5849	1.35	1.3646	0.00043048	1	Complies
2	1.5849	2.37	1.7258	0.00054444	1	Complies
2	1.5849	3.99	2.5061	0.00079059	1	Complies

EUT :	Network Audio Player	Model Name :	T-C700
Temperature :	25 °C	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode :	TX MODE_3Mbps		

Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
2	1.5849	1.08	1.2823	0.00040453	1	Complies
2	1.5849	1.93	1.5596	0.00049198	1	Complies
2	1.5849	3.14	2.0606	0.00065006	1	Complies

Note: the calculated distance is 20 cm.